A \$2	*** X	X Y	
ALTTOTTONY)	LOCKET	1333	

## BIRCH, STEWART, KOLASCH & BIRCH, LLP P.O. 80x 747 \* Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 \* Facsierile: (703) 205-8050

PLEASE NOTE YOU MUST COMPLETE THE FOLLOWING

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a before named investor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verify believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint unventor (if pitral inventors are named below) of the subject thater which is claimed and for which a parent is sought on the inventor entitled:

Severt Tiste:	***************************************	mere	OD OF HYDROLYSI	ng an organic	COMPOUND		
Fill in Appropriate	the specification of whic	h is amuched he	rreto. If not attached here	sto, the application i	s identified by the	attorney docket	number as se
Information -	forth above and/or the t	following:					
For Use Without	United States Appl	lication Numbe	·		***************************************		
Specification	and amended on	~~~	- Carrier and Carr			(if applicable	) and/or
Attached:	the specification w	sa filed on	***************************************	November 19,	2004		as FCT
	International Appli amended on	ication Number		CT/JP2004/01	7638		and was pheable)
	I hereby state that	i pana tanjeme	d and understand the co	ntents of the above	identified specific	ation, including	the claims, a
	amended by any amend lacknowledge the Regulations, \$1.56.	dusty to discio	se information which i	s material to paten	tability so defined	in Tide 37, Co	de of Federa
	Regulations, \$1.56.  I do not know and these of, or patented or year prior to this application date of this application date of this application representative or assign patent or inventor's certificate in policition by me see my I hereby claim fore rieventor's certificate a filing date before that:  a filing date before that:	do not believe is described in an assistant the invent is a say count or more than two iffects on this is legal representing priority because delow and the annions.	the same was ever know y printed publication in same was not in public tion has not been parent ry foreign to the Units ridve months (six month invention has been filed mention or assigns, emergi profits under Title 35. Un I have also identified to!	n or used in the Unit any country before use or on sale in the ned or made the sub- ied States of Americ as for designs) prior in any country fore as follows. the States Code, 81 ow any foreign app	ted States of Amer  o my or our inver- c United States o  ject of an invento- is on an applicat- t of the application  ign to the United  ign to the  ign to  ign to	ica before my or then thereof or n I America more 's certificate issu- fon filed by me on, and that no a States of Americ weign application or inventor's cert	our invention on them on them one yes the for its lega pplication for prior to this (s) for patenticate having
	Prior Foreign Applica	on the appropriate	m on which pricely is a	anneu:		Priority (	Ilaimed
insen Priority	2003-393118	Tao	oan	11/21/20	0.3	em	4550
Information (if appropriate)	(Number)	(Country)	×343	(Month/Day/Y		Yes	O No
	(Number)	(Country)		(Month/Day/Y	eu Filod)	Ç.	□ No
	(Flumber)	(Country)		(Month/Day/Y	car Filed)	Ass.	□ No
	(Number)	(Country)		(Month/Day/Y	ear Filed)	Q Yes	□ No
	I hereby claim the benefit	it under Title 33	, United States Code, \$1	19(e) of any United :	Status provisional	apptications(s) li	sted below.
hsert Provisional Application(s) (if any)	(Application Number)			(Filing Date)			<del></del>
	(Application Number)	***************************************		(Filing Oate)	-		i
	All Foreign Applications the Filing Date of This A	s, if any, for any pplication:	y Patent or Investory Co	rtificate Filed More	than 12 Months (	6 Months for De	ligns) Prior s
bisset Requested Information: (I appropriate)	ret Requested		Application Number	ion Number Date of Filing (		h/Duy/Year)	
	I hereby claim the bene continuation in part app disclosed in the prior Li Code, \$112, I acknowle Federal (legulations, \$1 international filing date	fit under Title : olication(s) liste titled States and dge the duty it .56 which beco of this applican	25. United States Code, of below and, insolar as /or PCT application in to disclose information warms available between on.	\$130 of any United the subject maner he manuer provides thich is mabrial to the filing date of	States and/or PC of each of the cli I by the first parag the patentsbility in the prior applicat	T application(s), dans of this appl graph of Title 12, is defined in Titl ion and the nat	including for ication is no United State e 37, Code o ional or PC
Insert Prior U.S. Application(s): (if any)	(Application Number)		(Filling Oste)	(5)	tatus - patented, p	ending, abandon	ed)
Page 3 of Z Rev. 08/2004)	(Application Number)		(Filing Date)	(5)	atus - patented, p	ending, abandon	

A Company of the Comp	ttorney Docket No
I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attornethis application and/or an international application based on this application and in the United States Payent and Irademárk. Office connected theirewith and resulting patent based on instructions received from the entity who first sent the practitioners, unless the inventor(s) or assignee provides said practitioners wit contrary.	ys or agents to prosecute id to transact all business in connection with the application papers to the h s written notice to the
Send Correspondence to:	
CUSTOMER NO. 02292 (BIRCH, STEWART, KOLASCH & Telephone: (703) 205-8000 • Facsimile: (703) 205-8050	BIRCH, LLP)

Please note You must Complete The

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and helief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1201 of Title 18 of the United States Code and that such willful false all the section 1201 of Title 18 of the United States Code and that

Toshitaka FUNAZEKERI  Residence (City, Secreta Country)  Bunkyo-ku, Tokyo, Japan  Malling Address (Complete Street Address including City, State & Country)  2/c Faculty of Science and Engineering, Chuo University,  1-13-27 Kabuga, Bunkyo-ku, Tokyo, Japan  Malling Address (Country)  Bunkyo-ku, Tokyo, Japan  Malling Address (Country)  Bunkyo-ku, Tokyo, Japan  Malling Address (Country)  Malling Addr		unment, or both, under Section indirection or an indirection or an INVENTOR'S SIGNATURE	***************************************	DATE*
Besidence (City, State & Country)  Bunkyo-ku, Tokyo, Japan  Mailink ADDRESS (Complete Street Address including City, State & Country)  c/o Faculty of Science and Engineering, Chuo University. 1-13-27 Kasusya, Bunkyo-ku, Tokyo, Japan  CIVEN NAME/FAMILY NAME  INVENTORS SIGNATURE  CIVEN NAME/FAMILY NAME  Mailink ADDRESS (Complete Street Address including City, State & Country)  Mailink ADDRESS (Complete Street Address including City, State & Country)  CIVEN NAME/FAMILY NAME  Residence (City, State & Country)  Mailing ADDRESS (Complete Street Address including City, State & Country)  CIVEN NAME/FAMILY NAME  Residence (City, State & Country)  Mailing ADDRESS (Complete Street Address including City, State & Country)  CIVEN NAME/FAMILY NAME  Residence (City, State & Country)  CIVEN NAME/FAMILY NAME  INVENTOR'S SIGNATURE  DATE	Seed Toshitaka FUNAZUKURI			3
MAILING ADDRESS (Complete Street Address including City, State & Country)  L/O Faculty of Science and Engineering, Chuo University.  1-13-27 Kapusga, Bunkyo-ku, Tokyo, Japan  MAILING ADDRESS (Complete Street Address including City, State & Country)  Bunkyo-ku, Tokyo, Japan  Telsuya MIYAZAWA  Telsuya MIYAXAWA  Telsuya MIYAXAWA  Telsuya	Residence (City, State & Country)	**************************************	CHISENSH	
The Fedulty of Science and Engineering, Chuo University.  1-13-27 Kaduga, Bunkyo-ku, Tokyo, Japan  CIVEN NAME/FAMILY NAME  Tetsuya Kiyazawa  Tetsuya Kiyazaw	Sunkyo-ku, Tokyo, Japan		Japan	3.
CIVEN NAME/FAMILY NAME  CIVEN NAME/FAMILY SAME  NOVENTOR'S SIGNATURE  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)	MAILING ADDRESS (Complete Street Address)	ineering. Chuo Univ	y) ersity.	
Telestys RIYAZAWR  Residence (City, Siste & Country)  Bunkyo, Att. Tokyo, Japan  MAILING ADDRESS (Complete Street Address including City, State & Country)  C/o Faculty of Science and Engineering, Chice University,  1-13-27 Rassuga, Bunkyo-ku, Tokyo, Japan  GIVEN NAME/FAMILY NAME  INVENTOR'S SIGNATURE  DATE*  Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  GIVEN NAME/FAMILY NAME  INVENTOR'S SIGNATURE  DATE*  Residence (City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)	Second Se	THE REAL PROPERTY OF THE PERSON OF THE PERSO		DATE*
Residence (City, State & Country)  Bunkyo-ku, Tokyo, Japan  MAILING ADDRESS (Complete Street Address including City, State & Country)  Color NAME/FAMILY NAME  INVENTOR'S SIGNATURE  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  COTIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)	and abusing S	Tetresser mice	Can State Co	6/12/2006
MAILING ADDRESS (Complete Street Address including City, State & Country)  d/o Paculty of Science and Engineering, Chuo University,  1-13-77 Rasugs, Bunkyo-ku, Tokyo, Japan  GIVEN NAME/FAMILY NAME  INVENTOR'S SIGNATURE  DATE*  Residence (City, State & Country)  OPEN NAME/FAMILY NAME  INVENTOR'S SIGNATURE  DATE*  Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  DATE*	Residence (City, State & Country)			
CIVEN NAME/FAMILY NAME  Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)	Bunkyo-ku, Tokyo, Japan		Japan	
Residence (City, State & Country)  MAILING ADDRIES (Complete Street Address including City, State & Country)  City State & Country)  Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  Wide  Residence (City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)	6/0 Faculty of Science and Eng 1-13-37 Kasuga, Bunkyo-ku, Tok	ineering, Chuo Vniv yo, Japan	y) ersity.	F.4.759
MAILING ADDRESS (Complete Servet Address including City, State & Country)  CIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE DATE*  Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  CIVEN NAME/FAMILY SIAME INVENTOR'S SIGNATURE DATE*  Residence (City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  GIVEN NAME/FAMILY SIAME INVENTOR'S SIGNATURE DATE*		3412410003330441000		DATE
CIVEN NAME/FAMILY NAME  Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  GIVEN NAME/FAMILY SAME  Residence (City, State & Country)  CITIZENSHIP  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  GIVEN NAME/FAMILY SAME  INVENTOR'S SIGNATURE  DATE*	Residence (City, State & Country)	1	COTIZENSFI	p.
Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  GIVEN NAME/FAMILY STAME INVENTOR'S SIGNATURE DATE*  Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)	MAILING ADDRIES (Complete Street Address i	ncluding City, State & Countr	n	
Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  GIVEN NAME/FAMILY SAME  INVENTOR'S SIGNATURE  DATE*  Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  Which  GIVEN NAME/FAMILY NAME  INVENTOR'S SIGNATURE  DATE*	not a series transition to the series to the	INVENTOR'S SIGNATURE	77777700000000000000000000000000000000	DATE*
MAILING ADDRESS (Complete Street Address Including City, State & Country)  GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE DATE  Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  Which  GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE DATE  SAMPLESS  GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE DATE				
GIVEN NAME/FAMILY NAME  Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  CIVEN NAME/FAMILY NAME  INVENTOR'S SIGNATURE  DATE*	Residence (City, State & Country)		CITIZENSHI	P
Residence (City, State & Country)  MAILING ADDRESS (Complete Street Address including City, State & Country)  GIVEN NAME/FAMILY NAME  INVENTOR'S SIGNATURE  DATE*	MAILING ADDRESS (Complete Street Address i	achiding City, State & Country	γ) ·	
MAILING ADDRESS (Complete Street Address including City, State & Country)  **Jank GIVEN NAME/FAMILY NAME INVENTORS SIGNATURE DATE*	Change as week sample a water	INVENTOR'S SIGNATURE	7777777777777	DATE*
GIVEN NAME/FAMILY NAME INVENTORS SIGNATURE DATE*	Residence (City, State & Country)		CTIZENSHI	į.
GIVEN NAME/FAMILY NAME INVENTORS SIGNATURE DATE	MAILING ADDRESS (Complete Street Address to	ncluding City, State & County	?)	***************************************
Residence (City, State & Country)  CCTIZENSLIE		INVENTORSSIGNATURE	***************************************	DATE
	GIVEN NAME/ SAMILY NAME			<u> </u>
MAILING ADDRESS (Complete Street Address including City, State & Country)	STATES NAME/FAMILY NAME	, , , , , , , , , , , , , , , , , , ,	COTIZENSIII	F